DERWENT-ACC-NO:

1999-423717

DERWENT-WEEK:

199939

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE:

Multilayered formed body used as

exterior material e.g.

bumper for car - comprising

thermoplastic resin

compositions of differing bending

elastic modulus

PATENT-ASSIGNEE: MITSUBISHI ENG PLASTICS KK[MITSN]

PRIORITY-DATA: 1997JP-0354027 (December 9, 1997)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE PAGES

MAIN-IPC

June 29, 1999

N/A

JP 11170441 A 010

B32B 027/08

APPLICATION-DATA:

PUB-NO-

APPL-DESCRIPTOR

APPL-NO

APPL-DATE

JP 11170441A

1997JP-0354027

N/A

December 9, 1997

ABSTRACTED-PUB-NO: JP 11170441A

BASIC-ABSTRACT:

A multilayered formed body comprises (A) at least one thermoplastic resin

INT-CL (IPC): B29D009/00, B32B007/02, B32B027/08

composition layer of more than 5,000 kg/cm2 of bending elastic modulus (ASTM

D790), and (B) a thermoplastic resin composition layer of less than 5,000

kg/cm2 of bending elastic modulus.

04/10/2003, EAST Version: 1.03.0002

USE - Effectively used as an exterior material such as a bumper for a vehicle, an outside plate material such as a fender, a housing material of an electrical and electronic equipment and a building material such as a sound-proof wall etc.

ADVANTAGE - The low temperature impact resistance, the rigidity, the stability in size and the heat resistance can be improved.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: MULTILAYER FORMING BODY EXTERIOR MATERIAL BUMPER CAR COMPRISE

THERMOPLASTIC RESIN COMPOSITION DIFFER BEND ELASTIC MODULUS

DERWENT-CLASS: A85 A93 A95 P73

CPI-CODES: A12-E01; A12-R01; A12-T04D;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; H0317

Polymer Index [1.2]

018 ; K9574 K9483 ; K9676*R ; ND01 ; B9999 B3930*R B3838 B3747 ;

Q9999 Q9234 Q9212 ; Q9999 Q9289 Q9212 ; K9712 K9676 ; Q9999 Q7330*R

; Q9999 Q7692 Q7681 ; Q9999 Q6826*R ; Q9999 Q6622 Q6611 ; Q9999

Q6893 Q6826 ; K9665 ; B9999 B4159 B4091 B3838 B3747 ; B9999 B4079

B3930 B3838 B3747 ; B9999 B3758*R B3747 ; B9999 B4682 B4568

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-124880 Non-CPI Secondary Accession Numbers: N1999-316531

04/10/2003, EAST Version: 1.03.0002